

Summary

Staff for *Review of Particle Physics*

Physicists:

- 4 half-time (2 FTE)
- 4 retired part-time (1.6 FTE)

Editor/physicist

Administrative Assistant

This is marginally adequate to produce RPP and manage the collaboration.

Loss of retirees will leave PDG crippled unless replaced.

Computing Upgrade

20-year-old system needs replacement.

Will also bring new capabilities for 21st century.

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and manage the collaboration.**

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unless replaced.**

**PDG is in a precarious situation
in which too much rests in:**

- **The memory of one editor,**
- **Four people who have been
retired a total of 35 years**

Other Major Points

- **PDG is indispensable to HEP**
- **PDG depends on a large number of external physicists managed by a small central team**
- **No further outsourcing is possible**
- **The central team at LBNL is below critical mass**
- **PDG relies on the good will of retirees**

- **Computing upgrade – 2 FTEs for two years**
- **New staff to replace retirees at end of computing upgrade**

“Reviewing the proposal for the PDG is somewhat **akin to reviewing motherhood**. The services that have been provided by this group to the world community of high energy physicists is of **inestimable value**. It is carried out with great competence, which accounts for its wide acceptance.”

“The work of the PDG is **absolutely necessary** for rapid progress of elementary particle physics. Without it, the field would be very fragmented and achieving consensus would be very difficult.”

“They have anticipated needs of HEP scientists extremely well. The data provided by the PDG is the best I know about in all fields. Everybody in HEP makes use of the review and many scientists outside HEP.”

“It would be hard to imagine HEP without it, and I do not know any other group capable of this effort. The group competence and past accomplishments are excellent.”

“The Particle Data Books become "bibles**" to researchers in particle physics. Without this work, progress would be slower.”**

... an extremely valuable resource to the particle physics community. This effort is **invaluable and must be supported. This is constantly being improved and expanded.**

PDG provides a vital, dynamic, innovative service to the HEP community.

The HEP community depends on PDG to provide standards and to assure integrity and quality in summarizing particle physics.

The End